

GERMAN UNIVERSITIES
OF TECHNOLOGY

English Master's Programs
Academic Year 2022/2023

TU9 Mission Statement

TU9 – German Universities of Technology

Excellence in Engineering and Science Made in Germany

TU9 is the Alliance of leading Universities of Technology in Germany: RWTH Aachen University, Technische Universität Berlin, Technische Universität Braunschweig, Technical University of Darmstadt, Technische Universität Dresden, Leibniz University Hannover, Karlsruhe Institute of Technology, Technical University of Munich, and University of Stuttgart.

Tradition, excellence, and innovation are the hallmarks of TU9 Universities. Founded during the Industrial Age, they contributed decisively to technological progress back then and continue to do so today. They enjoy an outstanding reputation around the world as renowned research and teaching institutions that promote the transfer of knowledge and technology between universities and practice. As such, they train exceptional young academics for careers in science, business, and administration and assume social responsibility. TU9 Universities foster top-class international networks and diverse cooperation with industry, making them a key element of the German science and innovation landscape.

The excellent research and teaching at TU9 Universities are based on independence, plurality, and freedom of expression. TU9 Universities have always been places of intellectual and cultural diversity where internationalization and integration are a matter of course.

TU9 Universities embody

- tradition & innovation,
- excellence & interdisciplinarity,
- cooperation & competencies, and

the world of tomorrow.

Study at a TU9 University: Nine Good Reasons

1

DIVERSITY

Choose from over 190 English master's programs out of more than 1,200 degree programs (BA & MA) in total

2

RESEARCH

Research-focused teaching as a core element of excellent education in an international and inspiring environment

3

INTERDISCIPLINARY WORK & PROFESSIONAL QUALIFICATIONS

Study and research across disciplines and beyond (with language and soft skills courses)

4

THEORY & PRACTICE

Get early insights into various career paths with student internships in research and industry

5

TECHNOLOGY TRANSFER

Special focus on transfer projects and start-up initiatives

6

CAREER OPPORTUNITIES

Broad education across disciplines and practical experiences as basis for a wide range of professions in science and the private sector worldwide

7

INTERNATIONALITY

International campus, global research collaborations, student exchanges, and joint degree programs

8

LIFE OUTSIDE THE CLASSROOM

Study and live: sports, social and cultural events and activities are part of a vibrant lifestyle on campus and beyond

9

PRICELESS

Germany is a politically stable, safe, and diverse country with excellent study programs and it is one of the world's most affordable places to study and live (around €1,000 per month)

General Requirements

Most of the master's programs in Germany are two-year programs and subject to admission restrictions. Applicants for the English master's programs need proficiency in English. Requirements, application deadlines, and application procedures may vary. For further information on the specifics for each study program, please contact the respective TU9 University (see individual TU9 Universities' links on page 5).

To enroll in a master's program, a first university degree (usually a three-year bachelor's degree) is required. If you have completed your studies abroad and would like to pursue a master's degree in Germany, your first university degree must be recognized in Germany.

To know how your first university degree is assessed in Germany, the anabin database (» www.anabin.de) provides an overview (in German).

Note

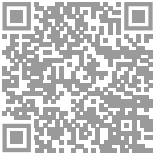
All master's programs listed in this brochure offer a "Master of Science" degree unless stated otherwise.

Special Information for International Students

All TU9 Universities have International Offices with counseling offers and services for international applicants and students.

On their websites they offer extensive information on study programs, application procedures and admission, student orientation, language and intercultural services, and student life, as well as welcome events.

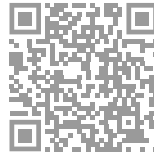
Please use the QR codes or links below to visit the websites of the TU9 Universities' International Offices.



RWTH Aachen University
<https://t1p.de/rwth-tu9>



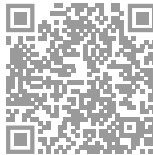
Technische Universität Berlin
<https://t1p.de/tub-tu9>



Technische Universität Braunschweig
<https://t1p.de/tubs-tu9>



Technical University of Darmstadt
<https://t1p.de/tuda-tu9>



Technische Universität Dresden
<https://t1p.de/tud-tu9>



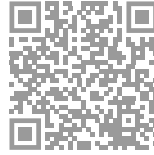
Leibniz Universität Hannover
<https://t1p.de/luh-tu9>



Karlsruhe Institute of Technology
<https://t1p.de/kit-tu9>



Technical University of Munich
<https://t1p.de/tum-tu9>



University of Stuttgart
<https://t1p.de/ust-tu9>

English Master's Programs

Agriculture & Forest Science

Agricultural Biosciences

@ Technical University of Munich

Sustainable Resource Management

@ Technical University of Munich

Tropical Forestry

@ Technische Universität Dresden
Possible joint degree program in cooperation with European partner universities

Architecture, Urban Planning & Civil Engineering

Advanced Computational and Civil Engineering Structural Studies (ACCESS)

@ Technische Universität Dresden

Architecture – Typology

@ Technische Universität Berlin

Cartography

@ Technische Universität Dresden and Technical University of Munich
In cooperation with TU Wien, Austria, and University of Twente, Netherlands

Civil Engineering

@ Technical University of Munich

Civil Engineering, with specialization in Advanced Computational Methods in Civil Engineering

@ RWTH Aachen University
Specialization in English language

Civil Systems Engineering

@ Technische Universität Berlin

Computational Mechanics

@ Technical University of Munich
In cooperation with Elite Network of Bavaria, Germany

Computational Mechanics of Materials and Structures (COMMAS)

@ University of Stuttgart
German language course included in program; possible double degree program

Construction and Robotics

@ RWTH Aachen University

Environmental Planning and Territorial Development

@ Leibniz University Hannover
Major Territorial Development: Having opted for one major, students may still take optional modules from the other area of specialisation. In the Major "Territorial Development", the primary language of instruction is English.

Geodesy and Geoinformation

@ Technical University of Munich

Infrastructure Planning (MIP)

@ University of Stuttgart

Integrated Urbanism and Sustainable Design (IUSD)

@ University of Stuttgart
Double degree in cooperation with Ain Shams University, Cairo, Egypt

Integrative Technologies and Architectural Design Research (ITECH)

@ University of Stuttgart

Landscape Architecture (MA)

@ Technical University of Munich

Landscape Architecture – Major European Master in Landscape Architecture (EMiLA)

@ Leibniz University Hannover
Five of the leading European universities have created a joint master's course in Landscape Architecture. Members of the network are: The University of Edinburgh, the École Nationale Supérieure de Paysage Versailles / Marseilles, Amsterdam University of the Arts, Universitat Politècnica De Catalunya (Barcelona) and Leibniz University Hannover.

Management and Engineering in Structural Engineering and Risk Management of Industrial Facilities

@ RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Rail, Transport and Logistics

@ Technical University of Munich
Joint degree program at GIST-TUM Asia in cooperation with NTU, Singapore (tuition fee)

**Sustainable Management –
Water and Energy**

@ RWTH Aachen University

Sustainable Urban Development

@ Technical University of Darmstadt
*Joint degree in cooperation with
Vietnamese-German University*

Transforming City Regions

@ RWTH Aachen University

**Transport Engineering and Mobility,
with specialization in Railway Systems
Engineering**

@ RWTH Aachen University
Specialization in English language

Transportation Economics (MSc)

@ Technische Universität Dresden

Transportation Systems

@ Technical University of Munich

Urban Design

@ Technische Universität Berlin

Urban Development

@ Technische Universität Berlin/Campus
El Gouna
*Partly takes place at Campus El Gouna,
Egypt (tuition fee)*

Urban Management

@ Technische Universität Berlin
Tuition fee

Biology, Chemistry & Medicine

Biochemistry

@ Technische Universität Dresden

Bioeconomy

@ Technical University of Munich

Biology in Society

@ Technische Universität Dresden

**Biomedical Engineering and Medical
Physics**

@ Technical University of Munich

Biomedical Neuroscience

@ Technical University of Munich

Chemical Biotechnology

@ Technical University of Munich

Chemistry

@ Technische Universität Dresden

Ecosystem Services

@ Technische Universität Dresden
*In cooperation with Senckenberg Society;
courses at International Institute Zittau,
Germany, and at Senckenberg Institute
Görlitz, Germany*

**Health Science – Prevention and Health
Promotion**

@ Technical University of Munich

Industrial Chemistry

@ Technical University of Munich
*Joint degree program at GIST-TUM Asia
in cooperation with NUS, Singapore
(tuition fee)*

Laboratory Animal Science

@ RWTH Aachen University
*At RWTH Aachen University International
Academy (tuition fee)*

**Molecular Biosciences and Productive
Biosystems**

@ Technische Universität Dresden

Nutrition and Biomedicine

@ Technical University of Munich

Organic and Molecular Electronics

@ Technische Universität Dresden
*Interdisciplinary study program com-
prising physics, chemistry, electrical
engineering, and materials science*

Organismic and Molecular Biodiversity

@ Technische Universität Dresden
*In cooperation with Senckenberg Society;
Courses at International Institute Zittau,
Germany and at Senckenberg Institute
Görlitz, Germany; internships at Sencken-
berg Institutes all over Germany*

Radiation Biology

@ Technical University of Munich

Regenerative Biology and Medicine

@ Technische Universität Dresden

Sport and Exercise Science

@ Technical University of Munich

Technology of Biogenic Resources

@ Technical University of Munich

Biotechnology, Bioengineering & Medical Engineering

Biomedical Computing (BMC)

@ Technical University of Munich

Biomedical Engineering

@ RWTH Aachen University

Chemical Biotechnology

@ Technical University of Munich

Molecular Bioengineering

@ Technische Universität Dresden

Molecular Biosciences and Productive Biosystems

@ Technische Universität Dresden

Nanoelectronic Systems

@ Technische Universität Dresden

Possible joint master's degree in cooperation with European partner universities

Periodontology

@ RWTH Aachen University

RWTH Aachen International Academy (tuition fee)

Physics of Life (ehemals Nanobiophysics)

@ Technische Universität Dresden

Possible joint master's degree in cooperation with European partner universities

Software Engineering

@ Technical University of Munich

In cooperation with University of Augsburg, Germany

Computer Science

Biomedical Computing (BMC)

@ Technical University of Munich

Computational Linguistics

@ University of Stuttgart

Computational Mechanics

@ Technical University of Munich

In cooperation with Elite Network of Bavaria, Germany

Computational Mechanics of Materials and Structures (COMMAS)

@ University of Stuttgart

German language course included in program; possible double degree program

Computational Modeling and Simulation

@ Technische Universität Dresden

Computational Neuroscience

@ Technische Universität Berlin

Joint degree program in cooperation with Humboldt-Universität zu Berlin and Charité – Universitätsmedizin Berlin, Germany

Computational Science and Engineering (CSE)

@ Technical University of Munich

In cooperation with Elite Network of Bavaria, Germany

Computational Sciences in Engineering (CSE)

@ Technische Universität Braunschweig

Bilingual program including courses taught in German (German language skills on level A1 required)

Computer Science

@ Technische Universität Berlin

Computer Science

@ University of Stuttgart

Includes elective courses taught in German

Computer Simulations for Science and Engineering (COSSE)

@ Technische Universität Berlin

Joint degree program in cooperation with European partner universities, coordinated by KTH Stockholm, Sweden

Data Engineering and Analytics

@ Technical University of Munich

Data Science

@ RWTH Aachen University

Data Science

@ Technische Universität Braunschweig

Distributed Software Systems

@ Technical University of Darmstadt

Distributed Systems Engineering

@ Technische Universität Dresden

Possible joint master's degree in cooperation with European partner universities

Geophysics

@ Karlsruhe Institute of Technology

ICT Innovation

@ Technische Universität Berlin

Joint degree program in cooperation with European partner universities, coordinated by EIT ICT Labs at KTH Stockholm, Sweden

Informatics

© Technical University of Munich

Informatics: Games Engineering

© Technical University of Munich

Information Systems

© Technical University of Munich

Information Systems Engineering and Management (ISEM)

© Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Information Systems Management

© Technische Universität Berlin
Language of instruction either English or German

Media Informatics

© RWTH Aachen University
In cooperation with Bonn Aachen International Center for Information Technology, Germany; compulsory German language course included in program

Neuroengineering

© Technical University of Munich

Scientific Computing

© Technische Universität Berlin
Includes courses taught in German

Simulation Sciences

© RWTH Aachen University
In cooperation with German Research School for Simulation Sciences Aachen, Germany

Software Engineering

© Technical University of Munich
In cooperation with University of Augsburg, Germany

Software Systems Engineering

© RWTH Aachen University

Economics & Management

Building Sustainability – Management Methods for Energy Efficiency (MBA)

© Technische Universität Berlin
Tuition fees

Business and IT (MBA)

© Technical University of Munich
Executive Master of Business Administration

Business Engineering: Energy

© Technische Universität Berlin/Campus El Gouna
Partly takes place at Campus El Gouna, Egypt (tuition fee)

Consumer Science

© Technical University of Munich

Data Analytics and Decision Science (DDS)

© RWTH Aachen University
Tuition fee

Digitalization & Industrial Change (MBA)

© RWTH Aachen University
Tuition fee

Economics and Management

© Leibniz University Hannover
Eight majors and minors, of which five are in English: Empirical Economics and Econometrics, Finance, Banking and Insurance, Information and Operations Management, International Environment and Development Studies and Strategic Management.

Ecosystem Services

© Technische Universität Dresden
In cooperation with Senckenberg Society; courses at International Institute Zittau, Germany, and at Senckenberg Institute Görlitz, Germany

Energy Engineering and Management (EEM)

© Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Energy Management (MBA)

© Technische Universität Berlin
Tuition fee

Entrepreneurship and Innovation Management

© Technical University of Darmstadt

Finance and Information Management (FIM)

© Technical University of Munich
In cooperation with Universität Bayreuth

Financial Engineering (FE)

© Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

General Management (MBA)

@ Technical University of Munich
Executive Master of Business Administration (tuition fee)

Information Systems

@ Technical University of Munich

Information Systems Engineering and Management (ISEM)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Innovation and Business Creation (MBA)

@ Technical University of Munich
Executive Master of Business Administration (tuition fee)

Innovation Management, Entrepreneurship, and Sustainability

@ Technische Universität Berlin
Joint degree program in cooperation with University of Twente, Netherlands, and Warsaw School of Economics, Poland

Logistics and Supply Chain Management

@ Technical University of Darmstadt

Management (Main Location: Munich)

@ Technical University of Munich

Management (Main Location: Heilbronn)

@ Technical University of Munich

Management and Engineering in Production Systems

@ RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Management and Engineering in Structural Engineering and Risk Management of Industrial Facilities

@ RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Management and Innovation

@ Technical University of Munich
Two program tracks: TUM track (TUM Campus Heilbronn, Germany) and Double Degree Track (HEC Paris, France)

Management and Technology (TUM-BWL)

@ Technical University of Munich

Management of Product Development (MPD)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Mobility Systems Engineering and Management (MSEM)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Production and Operations Management (POM)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Sustainable Management and Technology

@ Technical University of Munich

Transportation Economics (MSc)

@ Technische Universität Dresden

Electrical & Communications Engineering

Communications Engineering

@ Technical University of Munich

Computational Methods in Engineering

@ Leibniz University Hannover
Graduates have an advanced knowledge of mathematics, computer science and mechanics. The language of instruction is English; optional modules are offered in German.

Computational Sciences in Engineering (CSE)

@ Technische Universität Braunschweig
Bilingual program including courses taught in German (German language skills on level A1 required)

Electrical Engineering

@ University of Stuttgart

Electrical Engineering and Information Technology

@ Karlsruhe Institute of Technology
Only the profiles Photonics, Information and Communication, and Electrical Power Systems can be studied in English.

Electrical Engineering, Information Technology, and Computer Engineering

@ RWTH Aachen University
Two specializations completely in English; six further specializations in German

Energy Technology

© Leibniz University Hannover
Triple Degree in the Electrical Engineering and Information Technology Master Program. The first semester takes place in Lappeenranta, Finland, the second semester in St. Petersburg, Russia and the third semester in Hannover, Germany. The teaching language for the entire course is English. Before and during the study program preparatory language courses in German, Russian and Finnish are offered.

Europhotronics (Erasmus Mundus Master)

© Karlsruhe Institute of Technology
At Karlsruhe School of Optics and Photonics (KSOP); Erasmus Mundus program in cooperation with European partner universities

Green Electronics

© Technical University of Munich
Joint degree program at GIST-TUM Asia in cooperation with NTU, Singapore (tuition fee)

Information and Communication Engineering

© Technical University of Darmstadt
Some elective courses taught in German (free German language course included in program)

Information Systems Engineering and Management (ISEM)

© Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Information Technology (INFOTECH)

© University of Stuttgart
Compulsory German language course included in program

Integrated Circuit Design

© Technical University of Munich
Joint degree program at GIST-TUM Asia in cooperation with NTU, Singapore (tuition fee)

Nanoelectronic Systems

© Technische Universität Dresden
Possible joint master's degree in cooperation with European partner universities

Neuroengineering

© Technical University of Munich

Optics and Photonics

© Karlsruhe Institute of Technology
At Karlsruhe School of Optics and Photonics (KSOP)

Organic and Molecular Electronics

© Technische Universität Dresden
Interdisciplinary study program comprising physics, chemistry, electrical engineering, and materials science

Power Engineering

© Technical University of Munich

Robotic Systems Engineering

© RWTH Aachen University
At RWTH Aachen University International Academy (tuition fee)

Smart Production Engineering

© RWTH Aachen University
At RWTH Aachen University International Academy

Environmental Engineering

Air Quality Control, Solid Waste, and Waste Water Process Engineering (WASTE)

© University of Stuttgart
Compulsory German language course included in program; some elective courses taught in German; possible double degree program

Business Engineering: Energy

© Technische Universität Berlin/Campus El Gouna
Partly takes place at Campus El Gouna, Egypt (tuition fee)

Energy Engineering and Management (EEM)

© Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Environmental Engineering

© Technical University of Munich

Environmental Planning

© Technische Universität Berlin
Some elective courses taught in German

Hydro Science and Engineering

© Technische Universität Dresden
Possible joint degree program in cooperation with international partner universities

Mobility Systems Engineering and Management (MSEM)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Polymer Science

@ Technische Universität Berlin
Joint degree program in cooperation with Freie Universität Berlin, Humboldt-Universität zu Berlin, and Universität Potsdam, Germany

Process, Energy, and Environmental Systems Engineering (PEESE)

@ Technische Universität Berlin

Sustainable Mobility Management (MBA)

@ Technische Universität Berlin
Tuition fee

Tropical Hydrogeology and Environmental Engineering (TropHEE)

@ Technical University of Darmstadt

Water Resources and Environmental Management

@ Leibniz University Hannover
In this English-language master's program, students are integrated in research teams, many of which are involved in international research projects.

Water Resources Engineering and Management (WAREM)

@ University of Stuttgart
Possible double degree program with international partner universities; compulsory German language course in first semester

Water Science and Engineering

@ Karlsruhe Institute of Technology

Geodesy, Georesources & Materials Sciences**Applied Geophysics**

@ RWTH Aachen University
Joint Degree with TU Delft, Netherlands and ETH Zurich, Switzerland (tuition fee)

Applied Geosciences

@ Karlsruhe Institute of Technology
Only the profile Energy, Resources & Storage can be studied in English.

Applied Geosciences, with specialization in Geomaterials

@ RWTH Aachen University
Specialization in English language

Cartography

@ Technische Universität Dresden and Technical University of Munich
In cooperation with TU Wien, Austria, and University of Twente, Netherlands

Computational Methods in Engineering

@ Leibniz University Hannover
Graduates have an advanced knowledge of mathematics, computer science and mechanics. The language of instruction is English; optional modules are offered in German.

Earth Oriented Space Science and Technology (ESPACE)

@ Technical University of Munich
Possible joint degree program in cooperation with Wuhan University, China

Engineering Geohazards

@ RWTH Aachen University

Geodesy and Geoinformatics – Major in Navigation and Field Robotics

@ Leibniz University Hannover
This interdisciplinary programme combines aspects of geodesy (sensors, navigation, environmental sensing, evaluation methods, cartographic communication) with robotics technologies.

Geodesy and Geoinformation Science

@ Technische Universität Berlin

Geomatics Engineering (GEOENGINE)

@ University of Stuttgart

Geophysics

@ Karlsruhe Institute of Technology

Land Management and Geospatial Science

@ Technical University of Munich

Materials Science

@ Technical University of Darmstadt
Possible double degree program with international partner universities (Erasmus Mundus Joint Master Degree and EIT Raw Materials)

Materials Science

@ University of Stuttgart
Possible double degree program with international partner universities

Materials Science and Engineering

© Karlsruhe Institute of Technology
Offers profiles or areas of specialization that students can study and graduate in solely in English.

Metallurgical Engineering

© RWTH Aachen University

Remote Sensing and Geoinformatics

© Karlsruhe Institute of Technology
Some elective courses taught in German (German language skills on intermediate level required)

Tropical Hydrogeology and Environmental Engineering (TropHEE)

© Technical University of Darmstadt

Humanities, Law & Education

Advanced Anglophone Studies (MA)

© Leibniz University Hannover
The research-oriented master's degree in Advanced Anglophone Studies combines the subjects english, american studies and new english literatures.

Cognitive Science

© Technical University of Darmstadt

Cognitive, Digital and Empirical English Studies (MA)

© RWTH Aachen University

Computational Social Systems

© RWTH Aachen University

Data and Discourse Studies (MA)

© Technical University of Darmstadt

European and International Energy Law (MBL)

© Technische Universität Berlin
Tuition fee

European Studies (Master of Public Administration – MPA)

© RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Intellectual Property and Competition Law (LLM)

© Technical University of Munich
In cooperation with Max Planck Institute and international partner universities

International Studies in Intellectual Property Law (LLM)

© Technische Universität Dresden
Bilingual program with European and Non-European partner universities; can be completed in English (tuition fee)

IT Law and Intellectual Property Law (LLM)

© Leibniz University Hannover
Bilingual program with European partner universities; obligatory stay abroad during the second semester

Philosophy of Science (MA)

© Leibniz University Hannover
Comprehensive research-oriented training for philosophers, covering ethics and epistemology of the natural sciences, life sciences, humanities and social sciences.

Politics and Technology

© Technical University of Munich

Research on Teaching and Learning (MEd)

© Technical University of Munich

Religion in the Public Sphere

© Leibniz University Hannover
The course is offered by the Institute for the Study of Religion in cooperation with the Institute of Sociology in Hannover. There is the option of gaining a double degree through cooperation with the universities of Södertörn (Sweden) and Roma Tre (Italy)

Responsibility in Science, Engineering, and Technology (RESET) (MA)

© Technical University of Munich

Science and Technology Studies (STS) (MA)

© Technical University of Munich

Mathematics

Applied Mathematics

© RWTH Aachen University

Data Science

© RWTH Aachen University

Data Sciences

© Technische Universität Braunschweig

Mathematical Finance and Actuarial Science

© Technical University of Munich

Mathematics

@ Leibniz University Hannover

Mathematics

@ Technical University of Darmstadt

Mathematics

@ Karlsruhe Institute of Technology

Mathematics

@ Technical University of Munich

Mathematics in Data Science

@ Technical University of Munich

Mathematics in Operations Research

@ Technical University of Munich

Mathematics in Science and Engineering

@ Technical University of Munich

Meteorology

@ Karlsruhe Institute of Technology

Meteorology

@ Leibniz University Hannover

Mechanical Engineering**Aerospace**

@ Technical University of Munich
Language of instruction German and English; can be studied in German, English or both languages, depending on the focus area; evidence of language proficiency needed

Aerospace Engineering

@ Technical University of Darmstadt

Aerospace Engineering

@ Technical University of Munich
Joint degree program at GIST-TUM Asia in cooperation with NTU, Singapore (tuition fee)

Automotive Engineering

@ RWTH Aachen University
Compulsory German language course included in program

Computational Mechanics

@ Technical University of Munich
In cooperation with Elite Network of Bavaria, Germany

Computational Mechanics of Materials and Structures (COMMAS)

@ University of Stuttgart
German language course included in program; possible double degree program

Computer Aided Conception and Production in Mechanical Engineering

@ RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Energy Engineering and Management (EEM)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Energy Technology

@ Leibniz University Hannover
Triple Degree in the Electrical Engineering and Information Technology Master Program. The first semester takes place in Lappeenranta, Finland, the second semester in St. Petersburg, Russia and the third semester in Hannover, Germany. The teaching language for the entire course is English. Before and during the study program preparatory language courses in German, Russian and Finnish are offered.

Global Production Engineering in Manufacturing

@ Technische Universität Berlin
Tuition fee

Global Production Engineering in Solar Technology

@ Technische Universität Berlin
Tuition fee

Information Systems Engineering and Management (ISEM)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

International Mechatronics

@ Leibniz University Hannover
Double Degree in the Mechatronics and Robotics Master Program. First year in St. Petersburg, Russia, second year in Hannover, Germany.

Management and Engineering in Computer Aided Mechanical Engineering

@ RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Management and Engineering in Production Systems

@ RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Management and Engineering in Technology, Innovation, Marketing and Entrepreneurship

@ RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Management of Product Development (MPD)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Materials Science and Engineering

@ Karlsruhe Institute of Technology
Offers profiles or areas of specialization that students can study and graduate in solely in English.

Mechanical Engineering

@ Karlsruhe Institute of Technology
Offers profiles or areas of specialization that students can study and graduate in solely in English.

Mechanical Engineering

@ University of Stuttgart
Joint degree with Georgia Tech, Atlanta, USA; one year in Atlanta, one year in Stuttgart, Germany

Mobility Systems Engineering and Management (MSEM)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Optical Technologies

@ Leibniz University Hannover
Cooperation between the faculty of mathematics and physics and the faculty of mechanical engineering enables the master's degree program to build a bridge between basic research in physics and technical application.

Production and Operations Management (POM)

@ Karlsruhe Institute of Technology
Executive program at HECTOR School, Technology Business School (tuition fee)

Rail, Transport and Logistics

@ Technical University of Munich
Joint degree program at GIST-TUM Asia in cooperation with NTU, Singapore (tuition fee)

Robotic Systems Engineering

@ RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Smart Production Engineering

@ RWTH Aachen University
At RWTH Aachen University International Academy (tuition fee)

Space Engineering (MSE)

@ Technische Universität Berlin
Tuition fee

Textile Engineering

@ RWTH Aachen University
RWTH Aachen University International Academy (tuition fee)

Physics

Biomedical Engineering and Medical Physics

@ Technical University of Munich

Computational Mechanics

@ Technical University of Munich
In cooperation with Elite Network of Bavaria, Germany

Europhotonics (Erasmus Mundus Master)

@ Karlsruhe Institute of Technology
At Karlsruhe School of Optics and Photonics (KSOP); Erasmus Mundus program in cooperation with European partner universities

Geophysics

@ Karlsruhe Institute of Technology

Matter to Life

@ Technical University of Munich

Meteorology

@ Karlsruhe Institute of Technology

Meteorology

@ Leibniz University Hannover

Optical Technologies

@ Leibniz University Hannover
Cooperation between the faculty of mathematics and physics and the faculty of mechanical engineering enables the master's degree program to build a bridge between basic research in physics and technical application.

Optics and Photonics

@ Karlsruhe Institute of Technology
At Karlsruhe School of Optics and Photonics (KSOP)

Organic and Molecular Electronics

@ Technische Universität Dresden
Interdisciplinary study program comprising physics, chemistry, electrical engineering, & materials science

Photonics Engineering, Nanophotonics and Biophotonics (Erasmus Mundus Master)

@ Karlsruhe Institute of Technology
At Karlsruhe School of Optics and Photonics (KSOP); Erasmus Mundus program in cooperation with European partner universities

Physics

@ RWTH Aachen University

Physics

@ Leibniz University Hannover

Physics

@ University of Stuttgart

Physics (Applied and Engineering Physics)

@ Technical University of Munich

Physics of Life (ehemals Nanobiophysics)

@ Technische Universität Dresden
Possible joint master's degree in cooperation with European partner universities

Quantum Science & Technology

@ Technical University of Munich
In cooperation with Ludwig-Maximilians-Universität (LMU), Munich, Germany

RWTH Aachen University
Technische Universität Berlin
Technische Universität Braunschweig
Technical University of Darmstadt
Technische Universität Dresden
Leibniz University Hannover
Karlsruhe Institute of Technology
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Dr. Nicole Saverschek
Managing Director

Contact

Anna-Louisa-Karsch-Straße 2
10178 Berlin
Germany

+49-30-278 74 76-80
» international@tu9.de

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